

# Annie Schroeder

Secondary Mathematics & Computer Science (CS) Teacher  
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## EXPERIENCE

### Valley View Middle School, ISD #271 — *Math & CS Teacher*

August 2013 - Present

Designed and implemented a computer science program for grades 6-8 where students learn the fundamentals of computer science and problem solving through animation, app development, and web design

Innovatively created a digital and collaborative version of the College Preparatory Mathematics (CPM) curriculum, then presented this material at the CPM National Teacher Conference

Piloted various technologies in the classroom and led professional development on the use of iPads and TV's, as well as classroom management in the 1-1 classroom

Began VVM's first coding club in 2013 where members learn Python Programming through graphics and game design

## EDUCATION

### University of Minnesota, Saint Paul, MN — pursuing *M. Ed Learning Technologies* - GPA to date: 4.00

August 2016 - Present

In depth study of TPACK (Technology Pedagogy and Content Knowledge) Framework for tech integration

Designed and developed multiple educational websites as well as an iPad app

Created an online course for educators using distance education pedagogy

Collaborated with educators and technology integrationists from around the country

### Minnesota State University, Mankato, MN — *BS 5-12 Mathematics Secondary Education* - GPA: 3.88

August 2009 - May 2013

Obtained a minor in Communication Disorders

Received the K-12 Secondary Programs Distinguished Scholar Award, the Steve and Noreen Linney Mathematics Scholarship, the Habitat for Humanity of South Central Minnesota Trailblazer Award, and gave the 2013 Minnesota State University K-12 Secondary Programs commencement speech

## LEADERSHIP

VVMS Technology Team Member

VVMS Equity Team Member

Presented on the topic of tech integration at the 2017 CPM National Teacher Conference

Led district-wide professional development on the topic of fostering growth mindsets

Led school-wide professional development on the transition from SMART software to teacher iPads

## VOLUNTARY PROFESSIONAL DEVELOPMENT

2017 & 2015 College Preparatory Mathematics Educational Programs Annual Conference - San Francisco

2017 TIES Conference - Minneapolis

*Teach the Teachers* 8 week Python programming course by Thomson Reuters - Eagan

2016 Google For Education Summit - Minneapolis

2014 National Council of Teachers of Mathematics Annual Meeting and Conference - New Orleans

## SKILLS

Web development - HTML, CSS, and JavaScript

App development - Xcode, swift

Tech Tools - Google Suite and applications for education, iPad apps for education